

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18027	(micro adj mirror adj array or MMA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:37
L2	40	L1 and reflective adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:37
L3	2	L2 and(generates or obtaining) same optically adj variable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:38
L4	3	L2 and (encod\$4 or encode) same latent adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:42
L5	84	((("20070110317") or ("20070109643") or ("5298747") or ("6219074") or ("4346401") or ("5525192") or ("4386145") or ("5381187") or ("5978105") or ("5991083") or ("6172363") or ("6329826") or ("6369949") or ("6559663") or ("6950608") or ("6995370") or ("7026830") or ("7081928") or ("7375329") or ("7417444") or ("20020027440") or ("20020171778") or ("20030169060") or ("20050135798") or ("20050145791") or ("20050275709") or ("20060043982") or ("20060108527") or ("20070246547") or ("20080164499") or ("20080302964") or ("6268893") or ("6369919") or ("6608911") or ("6782115") or ("6882737") or ("20020080992") or ("20020080994") or ("20030128862") or ("20030210805") or ("20050063027") or ("20060039581") or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/11 12:43

		("20070128748") or ("20070258621") or ("20080218817") or ("5986381") or ("6225020") or ("6225020") or ("4370937") or ("4970928") or ("").pn.)).PN.				
L6	3	L5 and(micro adj mirror adj array or MMA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:44
L7	2	L6 and reflective adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:44
L8	2	L7 and (encod\$4 or encode) same latent adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:44
L9	143	((TIMOTHY) near2 (DAVIS)). INV.	US-PGPUB; USPAT	OR	ON	2009/01/11 12:51
L10	2023	((ROBERT) near2 (LEE)).INV.	US-PGPUB; USPAT	OR	ON	2009/01/11 12:52
L11	22	((LAWRENCE) near2 (MCCARTHY)).INV.	US-PGPUB; USPAT	OR	ON	2009/01/11 12:52
L12	22	((LAWRENCE) near2 (MCCARTHY)).INV.	US-PGPUB; USPAT	OR	ON	2009/01/11 12:53
L13	7	((GERHARD) near2 (SWIEGERS)).INV.	US-PGPUB; USPAT	OR	ON	2009/01/11 12:53
L14	9	((GERARD) near2 (WILSON)). INV.	US-PGPUB; USPAT	OR	ON	2009/01/11 12:54
L15	1	L9 and(micro adj mirror adj array or MMA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:55
L16	1	L15 and reflective adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:55
L17	1	L16 and(generates or obtaining) same optically adj variable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:55
L18	1	L17 and (encod\$4 or encode) same latent adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:55

L19	6	L10 and(micro adj mirror adj array or MMA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:56
L20	1	L19 and reflective adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:56
L21	1	L20 and(generates or obtaining) same optically adj variable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:57
L22	1	L21 and (encod\$4 or encode) same latent adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:57
L23	1	L11 and(micro adj mirror adj array or MMA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:57
L24	1	L23 and reflective adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:57
L25	1	L24 and(generates or obtaining) same optically adj variable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:57
L26	1	L25 and (encod\$4 or encode) same latent adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:58
L27	1	L11 and(micro adj mirror adj array or MMA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:58
L28	1	L27 and reflective adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:59
L29	1	L28 and(generates or obtaining) same optically adj variable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:59

L30	1	L29 and (encod\$4 or encode) same latent adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 12:59
L31	1	L12 and(micro adj mirror adj array or MMA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 13:00
L32	1	L31 and reflective adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 13:00
L33	1	L32 and(generates or obtaining) same optically adj variable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 13:00
L34	1	L33 and(encod\$4 or encode) same latent adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 13:01
L35	3432	382/100,232.ccls.	USPAT	OR	ON	2009/01/11 13:02
L36	3635	324/751,765.ccls.	USPAT	OR	ON	2009/01/11 13:02
L37	4028	250/310,307,311,306.ccls.	USPAT	OR	ON	2009/01/11 13:03
L38	2355	348/760,E9.027,781.ccls.	USPAT	OR	ON	2009/01/11 13:03
L39	157	396/335.ccls.	USPAT	OR	ON	2009/01/11 13:03
L40	254	359/2.ccls.	USPAT	OR	ON	2009/01/11 13:04
L41	5624	430/270.1,315,329.ccls.	USPAT	OR	ON	2009/01/11 13:04
L42	424	358/527.ccls.	USPAT	OR	ON	2009/01/11 13:05
L43	2271	526/262,264,281.ccls.	USPAT	OR	ON	2009/01/11 13:05
L44	1	L35 and(micro adj mirror adj array or MMA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 13:07
L45	0	L18 and(@ad<"20030707" or @rlad<"20030707" or @prad<"20030707" or @ptad<"20030707")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 13:16

L46	0	L15 and(@ad<"20030707" or @rlad<"20030707" or @prad<"20030707" or @ptad<"20030707")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 13:18
L47	5	L19 and(@ad<"20030707" or @rlad<"20030707" or @prad<"20030707" or @ptad<"20030707")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 13:20
L48	0	L23 and(@ad<"20030707" or @rlad<"20030707" or @prad<"20030707" or @ptad<"20030707")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 13:20
L49	0	L31 and(@ad<"20030707" or @rlad<"20030707" or @prad<"20030707" or @ptad<"20030707")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 13:21
L50	3	L19 and @ad<"20030707"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 13:21
L51	3	L50 and(micro adj mirror adj array or MMA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 13:22
L52	0	L51 and reflective adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 13:22
L53	0	L51 and(generates or obtaining) same optically adj variable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 13:22
L54	0	L51 and(encod\$4 or encode) same latent adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 13:23
L55	0	L51 and(encod\$4 or encode) and latent adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 13:23
L56	1	L35 and(micro adj mirror adj array or MMA)	USPAT	OR	ON	2009/01/11 13:28
L57	0	L56 and reflective adj device	USPAT	OR	ON	2009/01/11 13:28

L58	0	L56 and(generates or obtaining) same optically adj variable	USPAT	OR	ON	2009/01/11 13:29
L59	0	L56 and(generates or obtaining) and optically adj variable	USPAT	OR	ON	2009/01/11 13:29
L60	0	L56 and(encod\$4 or encode) same latent adj image\$1	USPAT	OR	ON	2009/01/11 13:29
L61	0	L56 and(encod\$4 or encode) and latent adj image\$1	USPAT	OR	ON	2009/01/11 13:30
L62	0	L36 and(micro adj mirror adj array or MMA)	USPAT	OR	ON	2009/01/11 13:30
L63	0	L36 and reflective adj device	USPAT	OR	ON	2009/01/11 13:30
L64	1	L37 and(micro adj mirror adj array or MMA)	USPAT	OR	ON	2009/01/11 13:31
L65	0	L64 and reflective adj device	USPAT	OR	ON	2009/01/11 13:31
L66	0	L64 and(generates or obtaining) same optically adj variable	USPAT	OR	ON	2009/01/11 13:31
L67	0	L64 and(generates or obtaining) and optically adj variable	USPAT	OR	ON	2009/01/11 13:31
L68	18	L38 and(micro adj mirror adj array or MMA)	USPAT	OR	ON	2009/01/11 13:32
L69	2	L68 and reflective adj device	USPAT	OR	ON	2009/01/11 13:32
L70	0	L69 and(generates or obtaining) and optically adj variable	USPAT	OR	ON	2009/01/11 13:33
L71	0	L69 and(encod\$4 or encode) and latent adj image\$1	USPAT	OR	ON	2009/01/11 13:33
L72	1	L69 and(@ad<"20030707" or @rlad<"20030707" or @prad<"20030707" or @ptad<"20030707")	USPAT	OR	ON	2009/01/11 13:38
L74	0	L39 and(micro adj mirror adj array or MMA)	USPAT	OR	ON	2009/01/11 13:40
L75	0	L72 and(generates or obtaining) and optically adj variable	USPAT	OR	ON	2009/01/11 13:40
L76	0	L75 and reflective adj device	USPAT	OR	ON	2009/01/11 13:40
L77	0	L72 and(encod\$4 or encode) and latent adj image\$1	USPAT	OR	ON	2009/01/11 13:41
L78	7	L40 and(micro adj mirror adj array or MMA)	USPAT	OR	ON	2009/01/11 13:41
L79	1	L78 and(generates or obtaining) and optically adj variable	USPAT	OR	ON	2009/01/11 13:43
L80	0	L79 and reflective adj device	USPAT	OR	ON	2009/01/11 13:43
L81	0	L79 and(encod\$4 or encode) and latent adj image\$1	USPAT	OR	ON	2009/01/11 13:43

L82	0	L79 and(encod\$4 or encode)	USPAT	OR	ON	2009/01/11 13:47
L83	1	L79 and pattern	USPAT	OR	ON	2009/01/11 13:47
L84	0	L79 and primary adj pattern	USPAT	OR	ON	2009/01/11 13:47
L85	0	L79 and secondary adj pattern	USPAT	OR	ON	2009/01/11 13:48
L86	0	L83 and latent adj image\$1	USPAT	OR	ON	2009/01/11 13:49
L87	1	L83 and angle	USPAT	OR	ON	2009/01/11 13:49
L88	1	L87 and image\$1	USPAT	OR	ON	2009/01/11 13:50
L89	0	L88 and(registrat\$3 or alignment)and pattern	USPAT	OR	ON	2009/01/11 13:51
L90	0	L88 and(registrat\$3 or alignm \$3)and pattern	USPAT	OR	ON	2009/01/11 13:51
L91	1	L88 and light adj source	USPAT	OR	ON	2009/01/11 13:52
L92	0	L91 and photomask	USPAT	OR	ON	2009/01/11 13:53
L93	1	L91 and lithography	USPAT	OR	ON	2009/01/11 13:54
L94	1	L93 and (wet or dry) and etching	USPAT	OR	ON	2009/01/11 13:55
L95	0	L94 and optical adj contact	USPAT	OR	ON	2009/01/11 14:00
L96	0	L95 and project\$3 adj system	USPAT	OR	ON	2009/01/11 14:00
L97	0	L94 and embossing adj die	USPAT	OR	ON	2009/01/11 14:02
L98	1	L94 and electroplating	USPAT	OR	ON	2009/01/11 14:03
L99	1	L98 and(micro adj mirror adj array or MMA)	USPAT	OR	ON	2009/01/11 14:03
L101	1	L99 and pixellated	USPAT	OR	ON	2009/01/11 14:04
L102	1	L101 and diffract\$3	USPAT	OR	ON	2009/01/11 14:04
L103	1	L102 and grating	USPAT	OR	ON	2009/01/11 14:05
L104	0	L103 and(track-line or track adj line)	USPAT	OR	ON	2009/01/11 14:06
L105	0	L103 and regular adj array	USPAT	OR	ON	2009/01/11 14:06
L106	0	L103 and rectangular adj array	USPAT	OR	ON	2009/01/11 14:07

L107	0	L103 and rectangular adj array	USPAT	OR	ON	2009/01/11 14:07
L108	0	L103 and horizontal	USPAT	OR	ON	2009/01/11 14:07
L109	0	L103 and vertical	USPAT	OR	ON	2009/01/11 14:07
L110	0	L103 and sam	USPAT	OR	ON	2009/01/11 14:11
L111	0	L103 and phasegram	USPAT	OR	ON	2009/01/11 14:12
L112	0	L103 and tonagram	USPAT	OR	ON	2009/01/11 14:12
L113	0	L103 and binagram	USPAT	OR	ON	2009/01/11 14:12
L114	25	L2 and(@ad<"20030707" or @rlad<"20030707" or @prad<"20030707" or @ptad<"20030707")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 14:13
L115	16	L2 and @ad<"20030707"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 14:13
L116	0	L115 and (encod\$4 or encode) same latent adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 14:14
L117	0	L115 and (encod\$4 or encode) and latent adj image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 14:14
L118	4	L115 and (encod\$4 or encode) and image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 14:14
L119	0	L118 and(generates or obtaining)and optically adj variable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 14:16
L120	0	L118 and photomask	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 14:18



L121	0	L118 and lithography	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 14:19
L122	0	L118 and(generates or obtaining)same optically adj variable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 14:19
L123	0	L118 and(generates or obtaining)and optically adj variable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 14:19
L124	0	L118 and(registrat\$3 or alignm \$3)and pattern	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 14:20
L125	0	L118 and photomask	USPAT	OR	ON	2009/01/11 14:21
L126	0	L118 and lithography	USPAT	OR	ON	2009/01/11 14:21
L127	0	L118 and (wet or dry) and etching	USPAT	OR	ON	2009/01/11 14:22
L128	0	L118 and optical adj contact	USPAT	OR	ON	2009/01/11 14:22
L129	1	L118 and project\$3 adj system	USPAT	OR	ON	2009/01/11 14:23
L130	0	L129 and embossing adj die	USPAT	OR	ON	2009/01/11 14:23
L131	0	L129 and electroplating	USPAT	OR	ON	2009/01/11 14:24
L132	0	L129 and pixellated	USPAT	OR	ON	2009/01/11 14:24
L133	1	L129 and diffract\$3	USPAT	OR	ON	2009/01/11 14:25
L134	0	L129 and grating	USPAT	OR	ON	2009/01/11 14:26
L135	0	L103 and(track-line or track adj line)	USPAT	OR	ON	2009/01/11 14:26
L136	0	L113 and regular adj array	USPAT	OR	ON	2009/01/11 14:27
L137	0	L133 and grating	USPAT	OR	ON	2009/01/11 14:27
L138	0	L133 and rectangular adj array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/11 14:29

L140	0	((micro adj mirror adj array or MMA)and reflective adj device and(encod\$4 or encode)and latent adj image\$1 and(registrat \$3 or align\$4)adj pattern and reflection and observation adj angle and light adj source).CLM.	US-PGPUB	OR	ON	2009/01/11 14:41
L141	0	((micro adj mirror adj array or MMA)and reflective adj device and(encod\$4 or encode)and latent adj image\$1 and(registrat \$3 or align\$4)adj pattern and primary adj pattern and secondary adj pattern and reflection and observation adj angle and light adj source).CLM.	US-PGPUB	OR	ON	2009/01/11 14:43
L142	1	((micro adj mirror adj array or MMA)and reflective adj device and(encod\$4 or encode)and latent adj image\$1).CLM.	US-PGPUB	OR	ON	2009/01/11 14:43

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